

ENGINEERING BULLETIN No. 18

**Recommended Repair and Alteration for
Fraying Rudder Cables**

Aircraft affected: All Luscombe Model 8 Series aircraft up to and including Serial No. 1894.

The fraying of rudder cables at bulkhead #7 has led to the substitution of pulleys (LAC Drawing #28099) for the former fairleads (LAC Drawing #18058), and to our recommendation that you make the same change on any and all subject aircraft in your possession as soon as possible.

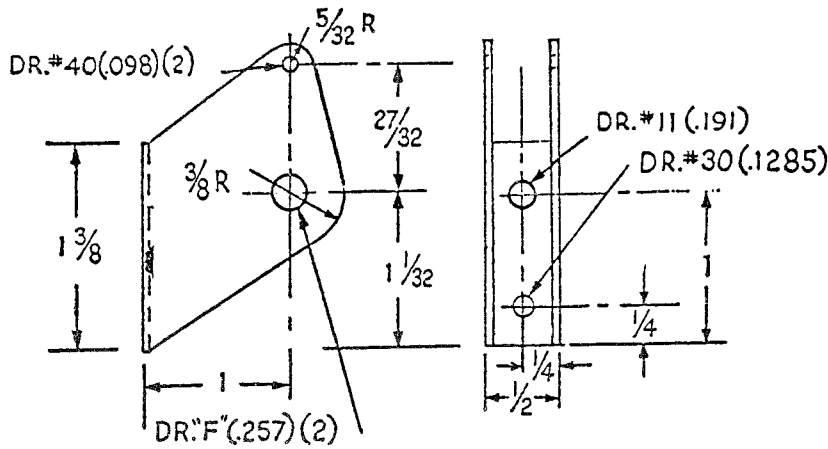
The Civil Aeronautics Administration will require the above change to be made before the next annual certification of these aircraft. The required change is outlined and illustrated on page 70.

The necessary mounting bracket, pulleys, bolts, etc., for this alteration may be obtained for \$4.00 net. In ordering please refer to Engineering Bulletin No. 18.

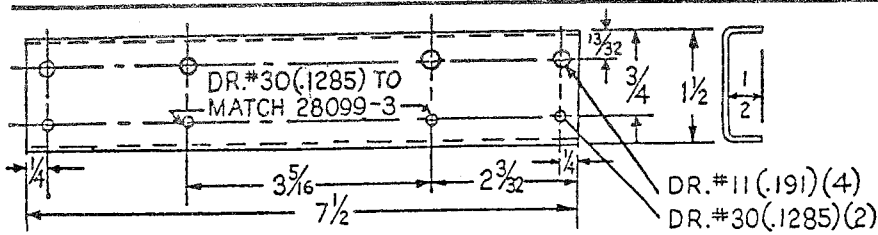
A record of the inspection and/or repair should be entered in the airplane log book.

Repair Procedure

1. Replace the worn rudder cables with new ones. Luscombe Airplane Corporation parts #48501-2 and #48501-3.
2. Locate pulley bracket as per sketch, making sure the rudder cables do not rub against the skin slots, and drill bulkhead #7 to match.
3. Bolt bracket in place.
4. Safety cables over pulleys as per sketch, and adjust.



DETAILS OF 28099-3
MATERIAL = .040 I7ST. ALC.



DETAILS OF 28099-2
MATERIAL = .040 I7ST. ALC.

INSTALLATION DETAILS

